

## Arizona TERM Ranking by Occupation '06-'16

TERM: Training & Education Resource Model (see notes pages for more information)

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1

Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
1	15-1031	Computer Software Engineers, Applications	480	\$35.33	607	3.9	2.6	Bachelor's Degree
2	29-1021	Dentists, General	185	\$65.07	777	2.9	1.5	First Professional Degree
3	29-1111	Registered Nurses	1,741	\$29.17	645	3.2	1.9	Associate Degree
4	15-1081	Network Systems and Data Communications Analysts	305	\$29.91	669	5.3	2.6	Bachelor's Degree
5	25-1071	Health Specialties Teachers, Postsecondary	135	\$54.95	647	6.4	3.8	Master's Degree
6	11-9033	Education Administrators, Postsecondary	181	\$44.76	641	4.5	1.6	Bachelor's Or Higher Deg. + Work Exp.
7	13-1111	Management Analysts	663	\$32.04	657	2.1	1.2	Bachelor's Or Higher Deg. + Work Exp.
8	29-1051	Pharmacists	264	\$46.91	554	4.4	2.5	First Professional Degree
9	29-2021	Dental Hygienists	251	\$33.53	585	5.0	2.6	Associate Degree
10	15-1071	Network and Computer Systems Administrators	243	\$30.48	697	2.7	1.2	Bachelor's Degree
11	11-9111	Medical and Health Services Managers	225	\$34.66	707	2.0	1.1	Bachelor's Or Higher Deg. + Work Exp.
12	15-1051	Computer Systems Analysts	451	\$33.63	619	2.7	1.0	Bachelor's Degree
13	23-1011	Lawyers	533	\$54.25	568	2.1	1.1	First Professional Degree
14	15-1032	Computer Software Engineers, Systems Software	219	\$38.39	647	1.7	1.2	Bachelor's Degree
15	29-1131	Veterinarians	76	\$37.02	736	4.6	2.3	First Professional Degree
16	13-2011	Accountants and Auditors	1,178	\$26.85	582	2.8	1.6	Bachelor's Degree
17	11-3031	Financial Managers	312	\$41.28	587	1.6	1.1	Bachelor's Or Higher Deg. + Work Exp.
18	11-9041	Engineering Managers	184	\$53.21	692	1.4	0.7	Bachelor's Or Higher Deg. + Work Exp.
19	11-9032	Education Administrators, Elementary and Secondary School	171	\$34.69	675	2.3	0.8	Bachelor's Or Higher Deg. + Work Exp.
20	11-1021	General and Operations Managers	1,045	\$45.73	659	0.6	0.3	Bachelor's Or Higher Deg. + Work Exp.
21	29-1062	Family and General Practitioners	77	\$67.41	672	2.5	1.4	First Professional Degree
22	33-3021	Detectives and Criminal Investigators	205	\$26.38	694	2.4	1.1	Work Experience In A Related Occ.
23	15-1061	Database Administrators	126	\$30.15	615	3.0	2.8	Bachelor's Degree
24	13-2052	Personal Financial Advisors	174	\$33.43	523	3.6	4.0	Bachelor's Degree
25	11-3021	Computer and Information Systems Managers	144	\$47.42	638	1.5	0.9	Bachelor's Or Higher Deg. + Work Exp.
26	29-1123	Physical Therapists	84	\$31.46	659	3.1	2.5	Master's Degree
27	17-2112	Industrial Engineers	159	\$34.14	638	2.1	0.9	Bachelor's Degree
28	13-2051	Financial Analysts	158	\$30.36	559	3.6	6.2	Bachelor's Degree
29	25-1194	Vocational Education Teachers, Postsecondary	147	\$23.90	636	5.0	3.0	Bachelor's Or Higher Deg. + Work Exp.
30	25-1021	Computer Science Teachers, Postsecondary	90	\$29.33	637	4.9	3.0	Master's Degree
31	25-1011	Business Teachers, Postsecondary	70	\$38.99	607	3.8	2.3	Master's Degree

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
32	17-2071	Electrical Engineers	197	\$39.10	651	1.3	0.6	Bachelor's Degree
33	17-2051	Civil Engineers	112	\$34.87	709	1.8	0.7	Bachelor's Degree
34	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scienti	1,180	\$26.16	574	2.0	0.9	Moderate-Term On-The-Job Training
35	11-2022	Sales Managers	324	\$41.59	577	1.3	0.6	Bachelor's Or Higher Deg. + Work Exp.
36	37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping	229	\$19.17	687	2.6	3.8	Work Experience In A Related Occ.
37	29-1126	Respiratory Therapists	141	\$21.79	692	3.1	2.1	Associate Degree
38	17-2011	Aerospace Engineers	104	\$39.61	686	1.4	0.7	Bachelor's Degree
39	11-1011	Chief Executives	250	\$69.30	691	0.3	0.1	Bachelor's Or Higher Deg. + Work Exp.
40	33-3051	Police and Sheriff's Patrol Officers	441	\$24.42	730	1.3	0.5	Long-Term On-The-Job Training
41	29-2034	Radiologic Technologists and Technicians	172	\$23.50	624	2.8	2.1	Associate Degree
42	25-9031	Instructional Coordinators	149	\$21.06	647	4.1	3.0	Master's Degree
43	49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	249	\$27.82	736	1.0	0.4	Work Experience In A Related Occ.
44	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Pro	402	\$29.60	593	1.4	0.6	Moderate-Term On-The-Job Training
45	29-1071	Physician Assistants	83	\$37.35	566	3.0	2.2	Bachelor's Degree
46	11-2021	Marketing Managers	134	\$37.47	644	1.3	0.6	Bachelor's Or Higher Deg. + Work Exp.
47	25-1042	Biological Science Teachers, Postsecondary	42	\$32.79	642	5.1	3.0	Doctoral Degree
48	17-2141	Mechanical Engineers	152	\$34.38	649	1.2	0.6	Bachelor's Degree
48	25-2021	Elementary School Teachers, Except Special Education	1,864	\$17.90	611	2.9	1.3	Bachelor's Degree
50	11-9021	Construction Managers	207	\$42.69	616	0.6	0.4	Bachelor's Degree
51	29-2061	Licensed Practical and Licensed Vocational Nurses	540	\$19.79	734	1.8	0.7	Postsecondary Vocational Training
52	13-1073	Training and Development Specialists	256	\$23.04	606	2.2	1.0	Bachelor's Degree
53	25-2022	Middle School Teachers, Except Special and Vocational Education	352	\$19.11	633	2.7	1.2	Bachelor's Degree
54	25-2031	Secondary School Teachers, Except Special and Vocational Education	954	\$19.28	647	2.1	0.7	Bachelor's Degree
55	29-2011	Medical and Clinical Laboratory Technologists	96	\$23.47	685	2.5	1.7	Bachelor's Degree
56	21-1012	Educational, Vocational, and School Counselors	326	\$20.62	560	3.5	1.8	Master's Degree
57	11-9151	Social and Community Service Managers	117	\$27.00	616	2.1	1.1	Bachelor's Degree
58	23-2011	Paralegals and Legal Assistants	197	\$23.80	530	3.1	2.3	Associate Degree
59	33-1012	First-Line Supervisors/Managers of Police and Detectives	103	\$36.56	763	1.0	0.3	Work Experience In A Related Occ.
60	53-2012	Commercial Pilots	51	\$27.99	729	3.4	1.1	Postsecondary Vocational Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
61	25-1052	Chemistry Teachers, Postsecondary	22	\$35.16	647	5.7	3.4	Doctoral Degree
62	53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine an	126	\$24.65	650	1.9	0.9	Work Experience In A Related Occ.
63	53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,062	\$18.09	610	2.0	1.1	Moderate-Term On-The-Job Training
64	41-3021	Insurance Sales Agents	281	\$24.87	577	1.5	0.7	Bachelor's Degree
65	11-3011	Administrative Services Managers	220	\$26.41	577	1.6	0.6	Bachelor's Or Higher Deg. + Work Exp.
66	19-3031	Clinical, Counseling, and School Psychologists	107	\$24.92	572	2.7	1.8	Doctoral Degree
66	49-9041	Industrial Machinery Mechanics	108	\$22.26	692	1.9	1.1	Long-Term On-The-Job Training
68	31-9091	Dental Assistants	411	\$15.85	598	4.8	2.7	Moderate-Term On-The-Job Training
69	13-1051	Cost Estimators	172	\$25.53	607	1.5	0.7	Work Experience In A Related Occ.
70	15-1041	Computer Support Specialists	611	\$22.64	575	1.7	0.5	Associate Degree
71	41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,329	\$19.78	568	1.8	0.9	Work Experience In A Related Occ.
72	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	264	\$27.16	658	0.4	0.3	Work Experience In A Related Occ.
73	29-2032	Diagnostic Medical Sonographers	35	\$32.15	639	2.9	2.2	Associate Degree
74	11-9011	Farm, Ranch, and Other Agricultural Managers	48	\$34.24	706	0.9	1.2	Bachelor's Or Higher Deg. + Work Exp.
75	29-1065	Pediatricians, General	36	\$71.85	626	2.0	1.1	First Professional Degree
76	29-2012	Medical and Clinical Laboratory Technicians	118	\$19.29	627	3.4	2.3	Associate Degree
77	29-1067	Surgeons	27	\$84.70	773	1.7	0.9	First Professional Degree
78	29-1064	Obstetricians and Gynecologists	17	\$82.62	736	2.4	1.3	First Professional Degree
78	49-3023	Automotive Service Technicians and Mechanics	507	\$18.85	686	1.3	0.6	Postsecondary Vocational Training
80	11-9141	Property, Real Estate, and Community Association Managers	284	\$24.79	550	1.3	0.9	Bachelor's Degree
81	13-2072	Loan Officers	197	\$30.64	471	1.3	1.2	Bachelor's Degree
82	41-9022	Real Estate Sales Agents	215	\$30.65	575	0.7	0.5	Postsecondary Vocational Training
83	11-9121	Natural Sciences Managers	23	\$42.35	628	3.0	1.4	Bachelor's Or Higher Deg. + Work Exp.
84	25-1123	English Language and Literature Teachers, Postsecondary	73	\$23.20	577	4.8	2.8	Master's Degree
85	41-3031	Securities, Commodities, and Financial Services Sales Agents	234	\$35.42	544	0.7	0.3	Bachelor's Degree
86	29-1122	Occupational Therapists	53	\$25.78	626	2.7	1.8	Master's Degree
87	21-1091	Health Educators	62	\$21.01	619	5.0	4.3	Master's Degree
88	13-2021	Appraisers and Assessors of Real Estate	164	\$21.74	580	2.3	1.1	Postsecondary Vocational Training
89	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	140	\$21.21	635	1.9	1.0	Postsecondary Vocational Training
90	13-1071	Employment, Recruitment, and Placement Specialists	193	\$21.77	543	2.5	1.2	Bachelor's Degree

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Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
91	41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	210	\$29.44	577	0.7	0.5	Work Experience In A Related Occ.
92	53-2011	Airline Pilots, Copilots, and Flight Engineers	110	\$79.87	784	-1.0	0.0	Bachelor's Degree
93	43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	880	\$22.24	593	0.8	0.4	Work Experience In A Related Occ.
94	49-9042	Maintenance and Repair Workers, General	474	\$15.48	627	1.5	6.0	Moderate-Term On-The-Job Training
95	25-1072	Nursing Instructors and Teachers, Postsecondary	29	\$25.50	691	3.7	2.2	Doctoral Degree
96	13-1031	Claims Adjusters, Examiners, and Investigators	172	\$24.15	538	2.2	0.9	Long-Term On-The-Job Training
97	11-3061	Purchasing Managers	60	\$37.43	677	1.0	0.4	Bachelor's Or Higher Deg. + Work Exp.
98	11-9051	Food Service Managers	293	\$21.30	664	0.7	0.3	Work Experience In A Related Occ.
99	33-3012	Correctional Officers and Jailers	359	\$17.47	678	1.4	0.6	Moderate-Term On-The-Job Training
100	33-2011	Fire Fighters	285	\$18.72	753	1.4	0.4	Long-Term On-The-Job Training
101	41-3011	Advertising Sales Agents	122	\$22.53	540	2.7	1.5	Moderate-Term On-The-Job Training
102	17-1011	Architects, Except Landscape and Naval	37	\$31.03	663	1.9	1.0	Bachelor's Degree
103	19-4091	Environmental Science and Protection Technicians, Including Health	52	\$21.14	682	4.5	1.2	Associate Degree
104	21-1022	Medical and Public Health Social Workers	100	\$21.57	570	3.3	1.6	Bachelor's Degree
105	25-2012	Kindergarten Teachers, Except Special Education	142	\$18.10	596	3.3	2.0	Bachelor's Degree
106	27-3031	Public Relations Specialists	109	\$22.75	539	2.1	2.8	Bachelor's Degree
107	19-2041	Environmental Scientists and Specialists, Including Health	36	\$25.10	711	2.8	1.1	Master's Degree
108	29-1127	Speech-Language Pathologists	61	\$25.11	632	2.0	1.0	Master's Degree
109	25-1053	Environmental Science Teachers, Postsecondary	10	\$32.84	658	7.0	4.2	Doctoral Degree
110	13-1081	Logisticians	53	\$30.52	635	1.4	1.0	Bachelor's Degree
111	29-2031	Cardiovascular Technologists and Technicians	54	\$20.48	657	3.2	2.4	Associate Degree
112	25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	138	\$18.62	594	3.5	1.6	Bachelor's Degree
113	25-1191	Graduate Teaching Assistants	288	\$15.25	544	6.9	4.2	Bachelor's Degree
114	11-9031	Education Administrators, Preschool and Child Care Center/Program	72	\$20.93	655	2.8	1.0	Bachelor's Or Higher Deg. + Work Exp.
114	19-1042	Medical Scientists, Except Epidemiologists	24	\$30.35	697	3.0	1.0	Doctoral Degree
116	11-2031	Public Relations Managers	46	\$33.98	581	2.2	0.9	Bachelor's Or Higher Deg. + Work Exp.
116	25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	8	\$36.20	673	5.4	3.2	Doctoral Degree
118	17-2161	Nuclear Engineers	35	\$43.50	684	1.2	0.5	Bachelor's Degree
119	19-3021	Market Research Analysts	87	\$26.77	517	1.7	2.5	Bachelor's Degree

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120	43-4161	Human Resources Assistants, Except Payroll and Timekeeping	200	\$17.48	533	3.0	4.0	Short-Term On-The-Job Training
121	53-2021	Air Traffic Controllers	19	\$44.67	654	2.3	0.8	Long-Term On-The-Job Training
122	47-2111	Electricians	332	\$19.15	695	0.8	0.3	Long-Term On-The-Job Training
123	25-1121	Art, Drama, and Music Teachers, Postsecondary	35	\$23.68	608	5.4	3.2	Master's Degree
124	27-4011	Audio and Video Equipment Technicians	107	\$16.15	654	5.3	1.6	Long-Term On-The-Job Training
125	17-1022	Surveyors	56	\$22.93	688	2.3	0.8	Bachelor's Degree
126	13-1072	Compensation, Benefits, and Job Analysis Specialists	103	\$23.77	534	2.4	1.1	Bachelor's Degree
127	29-2033	Nuclear Medicine Technologists	14	\$32.44	701	2.5	1.8	Associate Degree
128	25-3021	Self-Enrichment Education Teachers	131	\$18.39	529	4.4	4.1	Work Experience In A Related Occ.
129	47-2073	Operating Engineers and Other Construction Equipment Operators	393	\$19.63	626	0.8	0.4	Moderate-Term On-The-Job Training
130	29-2055	Surgical Technologists	74	\$18.84	647	3.7	1.2	Postsecondary Vocational Training
131	17-2041	Chemical Engineers	14	\$36.08	705	2.6	1.0	Bachelor's Degree
132	51-1011	First-Line Supervisors/Managers of Production and Operating Workers	189	\$23.10	651	0.5	0.3	Work Experience In A Related Occ.
133	53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	116	\$20.66	610	1.8	0.9	Work Experience In A Related Occ.
134	21-1093	Social and Human Service Assistants	197	\$14.85	581	4.5	3.9	Moderate-Term On-The-Job Training
135	11-3071	Transportation, Storage, and Distribution Managers	62	\$32.32	602	1.3	0.4	Work Experience In A Related Occ.
136	29-1011	Chiropractors	10	\$29.83	686	3.8	3.5	First Professional Degree
137	43-6012	Legal Secretaries	208	\$19.49	484	2.3	1.4	Postsecondary Vocational Training
138	47-4011	Construction and Building Inspectors	68	\$21.98	654	1.7	0.9	Work Experience In A Related Occ.
139	43-6011	Executive Secretaries and Administrative Assistants	1,236	\$17.16	475	1.8	1.1	Moderate-Term On-The-Job Training
140	11-3042	Training and Development Managers	29	\$35.75	620	1.6	0.8	Bachelor's Or Higher Deg. + Work Exp.
141	31-9092	Medical Assistants	534	\$13.63	557	4.2	3.4	Moderate-Term On-The-Job Training
142	25-1041	Agricultural Sciences Teachers, Postsecondary	4	\$38.92	672	4.6	2.8	Doctoral Degree
143	25-4021	Librarians	92	\$21.17	647	1.7	0.6	Master's Degree
144	49-9051	Electrical Power-Line Installers and Repairers	45	\$28.86	668	1.5	0.5	Long-Term On-The-Job Training
145	29-1081	Podiatrists	10	\$48.26	707	2.3	0.7	First Professional Degree
146	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	27	\$34.20	676	1.4	0.6	Bachelor's Degree
147	13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Tr	87	\$22.99	641	0.8	0.7	Long-Term On-The-Job Training
148	19-2031	Chemists	30	\$29.66	637	2.1	0.8	Bachelor's Degree

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149	11-3051	Industrial Production Managers	69	\$41.00	670	-0.1	0.0	Work Experience In A Related Occ.
149	13-1011	Agents and Business Managers of Artists, Performers, and Athletes	64	\$20.61	563	4.5	1.6	Bachelor's Or Higher Deg. + Work Exp.
151	37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	250	\$14.97	610	1.9	1.3	Work Experience In A Related Occ.
152	17-2072	Electronics Engineers, Except Computer	81	\$38.09	673	-1.3	0.0	Bachelor's Degree
153	43-4051	Customer Service Representatives	4,078	\$14.36	531	3.0	1.1	Moderate-Term On-The-Job Training
154	11-3041	Compensation and Benefits Managers	38	\$32.58	581	1.6	0.9	Bachelor's Or Higher Deg. + Work Exp.
155	17-1012	Landscape Architects	16	\$34.43	635	2.1	1.1	Bachelor's Degree
156	17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	11	\$30.90	708	2.5	1.1	Bachelor's Degree
157	47-2152	Plumbers, Pipefitters, and Steamfitters	207	\$19.07	718	0.5	0.2	Long-Term On-The-Job Training
158	25-1022	Mathematical Science Teachers, Postsecondary	38	\$23.82	561	3.3	2.0	Master's Degree
159	29-1031	Dietitians and Nutritionists	65	\$20.76	602	2.4	1.0	Bachelor's Degree
160	43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,253	\$15.76	468	1.8	1.2	Moderate-Term On-The-Job Training
161	13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	181	\$24.20	533	0.8	0.4	Work Experience In A Related Occ.
162	27-1024	Graphic Designers	228	\$20.71	550	1.2	0.5	Bachelor's Degree
163	31-1012	Nursing Aides, Orderlies, and Attendants	807	\$11.25	615	2.4	2.7	Postsecondary Vocational Training
164	25-1063	Economics Teachers, Postsecondary	5	\$43.89	591	5.5	3.3	Doctoral Degree
165	25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	13	\$28.69	594	5.2	3.2	Doctoral Degree
166	25-1054	Physics Teachers, Postsecondary	5	\$32.50	639	5.2	3.0	Doctoral Degree
167	21-1014	Mental Health Counselors	77	\$18.83	545	4.0	2.0	Master's Degree
168	25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	58	\$19.48	558	3.6	3.4	Bachelor's Degree
169	27-2012	Producers and Directors	53	\$24.85	627	1.5	0.5	Bachelor's Or Higher Deg. + Work Exp.
169	49-9062	Medical Equipment Repairers	42	\$17.03	712	4.7	1.7	Associate Degree
171	51-8031	Water and Liquid Waste Treatment Plant and System Operators	44	\$20.42	647	2.3	1.3	Long-Term On-The-Job Training
172	39-1021	First-Line Supervisors/Managers of Personal Service Workers	127	\$17.77	661	1.3	0.6	Work Experience In A Related Occ.
173	17-2081	Environmental Engineers	26	\$32.36	619	1.8	0.6	Bachelor's Degree
174	13-2061	Financial Examiners	55	\$20.37	574	3.1	1.8	Bachelor's Degree
175	25-1122	Communications Teachers, Postsecondary	17	\$25.45	603	4.2	2.5	Doctoral Degree

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176	49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	102	\$23.41	704	0.4	0.1	Long-Term On-The-Job Training
176	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	170	\$18.03	592	1.5	0.7	Postsecondary Vocational Training
178	29-2052	Pharmacy Technicians	483	\$13.83	492	5.7	1.9	Moderate-Term On-The-Job Training
179	15-2031	Operations Research Analysts	68	\$27.56	605	0.8	0.4	Master's Degree
180	29-1066	Psychiatrists	6	\$79.14	658	2.0	1.1	First Professional Degree
181	53-6051	Transportation Inspectors	22	\$32.11	631	1.9	0.6	Work Experience In A Related Occ.
182	17-3013	Mechanical Drafters	61	\$20.95	630	1.9	0.7	Postsecondary Vocational Training
183	47-2031	Carpenters	1,101	\$16.70	662	0.1	0.1	Long-Term On-The-Job Training
184	15-1021	Computer Programmers	156	\$32.13	571	-0.6	0.0	Bachelor's Degree
185	27-2022	Coaches and Scouts	99	\$15.25	663	2.8	1.1	Long-Term On-The-Job Training
186	19-4092	Forensic Science Technicians	31	\$24.31	618	2.7	0.7	Associate Degree
187	35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	384	\$14.98	538	1.5	2.0	Work Experience In A Related Occ.
188	25-1064	Geography Teachers, Postsecondary	7	\$31.65	614	4.2	2.5	Doctoral Degree
189	21-1013	Marriage and Family Therapists	20	\$23.59	606	3.7	1.9	Master's Degree
190	25-2042	Special Education Teachers, Middle School	44	\$19.40	610	3.0	1.3	Bachelor's Degree
191	25-1061	Anthropology and Archeology Teachers, Postsecondary	5	\$30.89	623	4.6	2.7	Doctoral Degree
192	49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	66	\$22.34	598	1.7	0.5	Postsecondary Vocational Training
193	19-2042	Geoscientists, Except Hydrologists and Geographers	9	\$32.90	636	2.6	1.0	Master's Degree
194	33-1011	First-Line Supervisors/Managers of Correctional Officers	47	\$23.73	682	1.1	0.4	Work Experience In A Related Occ.
195	19-3022	Survey Researchers	37	\$17.98	610	3.4	5.0	Bachelor's Degree
196	29-2056	Veterinary Technologists and Technicians	158	\$13.18	582	6.3	2.0	Associate Degree
197	17-2031	Biomedical Engineers	7	\$27.73	748	2.7	1.2	Bachelor's Degree
198	13-1121	Meeting and Convention Planners	51	\$20.22	642	1.7	0.8	Bachelor's Degree
199	25-1124	Foreign Language and Literature Teachers, Postsecondary	15	\$27.10	555	4.0	2.4	Master's Degree
200	39-1011	Gaming Supervisors	90	\$19.94	561	1.6	0.8	Work Experience In A Related Occ.
201	49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	116	\$17.06	721	0.7	0.4	Long-Term On-The-Job Training
202	21-1092	Probation Officers and Correctional Treatment Specialists	87	\$19.38	582	1.2	1.0	Bachelor's Degree
203	33-9021	Private Detectives and Investigators	28	\$22.22	616	2.2	1.1	Work Experience In A Related Occ.
204	31-1011	Home Health Aides	726	\$10.13	521	4.8	5.4	Short-Term On-The-Job Training
205	43-6013	Medical Secretaries	263	\$14.37	499	2.4	1.5	Postsecondary Vocational Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
206	51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	52	\$18.96	585	2.4	1.2	Long-Term On-The-Job Training
207	43-3011	Bill and Account Collectors	549	\$14.47	512	1.6	1.1	Short-Term On-The-Job Training
208	25-4012	Curators	20	\$23.35	686	2.3	0.5	Master's Degree
209	25-1125	History Teachers, Postsecondary	12	\$25.76	575	3.6	2.1	Doctoral Degree
209	25-2043	Special Education Teachers, Secondary School	42	\$20.56	612	2.0	0.9	Bachelor's Degree
211	39-5012	Hairdressers, Hairstylists, and Cosmetologists	346	\$12.99	520	2.3	2.0	Postsecondary Vocational Training
212	13-1022	Wholesale and Retail Buyers, Except Farm Products	86	\$26.38	571	0.4	0.2	Work Experience In A Related Occ.
213	19-2043	Hydrologists	11	\$29.84	660	1.7	0.7	Master's Degree
214	39-9021	Personal and Home Care Aides	724	\$10.24	502	5.0	2.9	Short-Term On-The-Job Training
215	21-2021	Directors, Religious Activities and Education	49	\$18.81	567	2.9	1.3	Bachelor's Degree
216	53-3033	Truck Drivers, Light or Delivery Services	658	\$14.29	537	1.5	0.8	Short-Term On-The-Job Training
217	13-2071	Loan Counselors	31	\$21.64	547	2.3	2.2	Bachelor's Degree
218	13-2041	Credit Analysts	199	\$18.39	545	1.3	0.3	Bachelor's Degree
219	17-3025	Environmental Engineering Technicians	19	\$19.95	642	3.1	1.6	Associate Degree
220	19-1031	Conservation Scientists	10	\$27.30	705	1.9	0.7	Bachelor's Degree
221	41-2031	Retail Salespersons	4,824	\$12.35	477	2.7	0.9	Short-Term On-The-Job Training
222	17-3023	Electrical and Electronic Engineering Technicians	109	\$24.16	617	-0.6	0.0	Associate Degree
223	21-1023	Mental Health and Substance Abuse Social Workers	75	\$17.61	538	2.4	1.1	Master's Degree
224	43-5061	Production, Planning, and Expediting Clerks	220	\$18.70	537	0.8	0.3	Short-Term On-The-Job Training
224	51-8021	Stationary Engineers and Boiler Operators	17	\$22.37	672	1.9	1.1	Long-Term On-The-Job Training
226	11-9061	Funeral Directors	16	\$28.00	661	1.4	0.6	Associate Degree
227	17-3027	Mechanical Engineering Technicians	29	\$22.67	683	1.1	0.6	Associate Degree
228	27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	19	\$23.63	621	2.1	0.9	Long-Term On-The-Job Training
229	19-3051	Urban and Regional Planners	30	\$27.70	618	1.0	0.4	Master's Degree
230	35-1011	Chefs and Head Cooks	62	\$19.02	617	0.9	0.7	Work Experience In A Related Occ.
231	21-1021	Child, Family, and School Social Workers	136	\$17.06	517	1.7	0.8	Bachelor's Degree
232	27-3042	Technical Writers	44	\$29.37	516	1.3	0.4	Bachelor's Degree
233	17-3022	Civil Engineering Technicians	38	\$21.51	590	1.5	0.8	Associate Degree
234	11-2011	Advertising and Promotions Managers	30	\$34.23	582	0.6	0.3	Bachelor's Or Higher Deg. + Work Exp.
235	43-9061	Office Clerks, General	2,269	\$12.72	456	1.8	1.0	Short-Term On-The-Job Training
236	29-2071	Medical Records and Health Information Technicians	235	\$14.11	516	2.4	0.9	Associate Degree
237	51-4041	Machinists	96	\$17.23	606	1.0	0.6	Long-Term On-The-Job Training
238	21-1011	Substance Abuse and Behavioral Disorder Counselors	25	\$19.91	570	3.5	1.8	Master's Degree
239	11-9071	Gaming Managers	17	\$32.18	634	0.8	0.4	Work Experience In A Related Occ.



Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
240	23-1023	Judges, Magistrate Judges, and Magistrates	15	\$42.55	610	0.7	0.4	Bachelor's Or Higher Deg. + Work Exp.
241	27-1025	Interior Designers	64	\$20.74	609	0.9	0.3	Associate Degree
242	19-3041	Sociologists	3	\$31.56	566	3.8	2.4	Master's Degree
243	25-1067	Sociology Teachers, Postsecondary	4	\$29.14	578	3.9	2.4	Doctoral Degree
244	53-7051	Industrial Truck and Tractor Operators	242	\$13.64	638	1.1	0.4	Short-Term On-The-Job Training
245	25-1065	Political Science Teachers, Postsecondary	7	\$25.39	580	3.8	2.3	Doctoral Degree
246	17-3031	Surveying and Mapping Technicians	25	\$21.29	615	1.7	0.9	Moderate-Term On-The-Job Training
247	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,541	\$9.67	471	3.0	1.6	Short-Term On-The-Job Training
248	29-9011	Occupational Health and Safety Specialists	19	\$28.13	701	0.5	0.3	Bachelor's Degree
249	33-9032	Security Guards	514	\$11.06	592	1.7	0.9	Short-Term On-The-Job Training
250	49-2091	Avionics Technicians	15	\$20.72	622	2.2	2.1	Postsecondary Vocational Training
251	47-2051	Cement Masons and Concrete Finishers	323	\$17.31	560	0.3	0.1	Moderate-Term On-The-Job Training
252	43-3051	Payroll and Timekeeping Clerks	250	\$15.82	463	1.4	0.6	Moderate-Term On-The-Job Training
253	25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	10	\$23.64	587	3.0	1.8	Doctoral Degree
254	43-4171	Receptionists and Information Clerks	1,065	\$11.91	476	2.2	0.9	Short-Term On-The-Job Training
255	41-9031	Sales Engineers	22	\$31.04	722	0.0	0.0	Bachelor's Degree
256	43-5052	Postal Service Mail Carriers	184	\$21.08	454	0.5	0.2	Short-Term On-The-Job Training
257	49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	19	\$27.29	642	0.8	0.5	Moderate-Term On-The-Job Training
258	13-2031	Budget Analysts	44	\$27.98	571	0.5	0.2	Bachelor's Degree
259	49-3011	Aircraft Mechanics and Service Technicians	35	\$24.06	695	0.2	0.2	Postsecondary Vocational Training
260	41-9011	Demonstrators and Product Promoters	114	\$15.46	488	2.6	0.9	Moderate-Term On-The-Job Training
261	17-1021	Cartographers and Photogrammetrists	21	\$26.23	562	1.8	0.6	Bachelor's Degree
262	53-3022	Bus Drivers, School	235	\$11.16	550	2.3	1.8	Short-Term On-The-Job Training
263	29-2053	Psychiatric Technicians	86	\$14.68	591	2.5	0.8	Moderate-Term On-The-Job Training
264	19-2032	Materials Scientists	5	\$31.44	682	1.6	0.6	Bachelor's Degree
265	29-2041	Emergency Medical Technicians and Paramedics	46	\$13.20	736	2.4	2.1	Postsecondary Vocational Training
266	27-4031	Camera Operators, Television, Video, and Motion Picture	12	\$22.93	619	2.0	1.1	Moderate-Term On-The-Job Training
267	27-1014	Multi-Media Artists and Animators	38	\$20.57	566	1.7	0.7	Bachelor's Degree
268	17-3011	Architectural and Civil Drafters	51	\$20.72	594	1.1	0.4	Postsecondary Vocational Training
269	25-1126	Philosophy and Religion Teachers, Postsecondary	9	\$22.66	571	3.8	2.3	Doctoral Degree
270	25-1066	Psychology Teachers, Postsecondary	6	\$24.19	590	3.2	1.9	Doctoral Degree
271	11-9081	Lodging Managers	69	\$21.23	585	0.5	0.2	Work Experience In A Related Occ.

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
272	51-4121	Welders, Cutters, Solderers, and Brazers	209	\$15.48	521	1.1	0.5	Long-Term On-The-Job Training
273	47-2061	Construction Laborers	458	\$13.87	566	0.4	0.6	Moderate-Term On-The-Job Training
274	31-2021	Physical Therapist Assistants	25	\$15.78	608	3.7	2.9	Associate Degree
275	25-1081	Education Teachers, Postsecondary	16	\$17.38	613	3.8	2.3	Doctoral Degree
276	19-1012	Food Scientists and Technologists	4	\$23.73	647	3.2	1.0	Bachelor's Degree
277	19-3091	Anthropologists and Archeologists	8	\$24.94	681	1.8	0.6	Master's Degree
278	29-2081	Opticians, Dispensing	56	\$15.30	534	3.7	1.2	Long-Term On-The-Job Training
279	27-3043	Writers and Authors	77	\$19.00	541	0.9	0.5	Bachelor's Degree
280	37-3011	Landscaping and Groundskeeping Workers	638	\$10.46	516	1.6	1.2	Short-Term On-The-Job Training
281	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,153	\$8.44	458	2.4	1.2	Short-Term On-The-Job Training
282	25-9041	Teacher Assistants	722	\$10.25	494	1.9	1.2	Short-Term On-The-Job Training
283	31-2011	Occupational Therapist Assistants	6	\$22.74	649	1.9	1.3	Associate Degree
284	49-3021	Automotive Body and Related Repairers	76	\$19.00	620	0.3	0.1	Long-Term On-The-Job Training
284	51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Ope	37	\$16.38	605	2.2	1.0	Moderate-Term On-The-Job Training
286	29-9012	Occupational Health and Safety Technicians	6	\$31.98	703	0.7	0.4	Postsecondary Vocational Training
287	35-2021	Food Preparation Workers	1,151	\$10.68	517	2.0	0.6	Short-Term On-The-Job Training
288	43-5031	Police, Fire, and Ambulance Dispatchers	60	\$16.93	608	1.2	0.5	Moderate-Term On-The-Job Training
288	49-3093	Tire Repairers and Changers	116	\$11.61	564	2.8	1.4	Short-Term On-The-Job Training
290	51-8013	Power Plant Operators	20	\$22.37	651	1.2	0.3	Long-Term On-The-Job Training
291	27-1011	Art Directors	27	\$26.96	595	0.5	0.2	Bachelor's Or Higher Deg. + Work Exp.
292	43-5071	Shipping, Receiving, and Traffic Clerks	1,018	\$10.47	551	1.5	0.6	Short-Term On-The-Job Training
293	27-3091	Interpreters and Translators	59	\$16.68	527	2.2	0.9	Long-Term On-The-Job Training
294	53-7081	Refuse and Recyclable Material Collectors	86	\$15.87	519	1.9	0.7	Short-Term On-The-Job Training
295	53-3021	Bus Drivers, Transit and Intercity	101	\$12.40	596	1.7	1.3	Moderate-Term On-The-Job Training
296	43-4111	Interviewers, Except Eligibility and Loan	228	\$12.82	481	2.0	0.7	Short-Term On-The-Job Training
297	39-9032	Recreation Workers	204	\$11.85	633	0.9	0.5	Short-Term On-The-Job Training
298	53-7121	Tank Car, Truck, and Ship Loaders	14	\$16.64	609	4.5	2.6	Moderate-Term On-The-Job Training
299	47-2044	Tile and Marble Setters	71	\$15.09	604	1.1	0.8	Long-Term On-The-Job Training
300	27-1027	Set and Exhibit Designers	9	\$17.67	685	3.2	1.2	Bachelor's Degree
301	27-3041	Editors	56	\$21.72	550	0.6	0.2	Bachelor's Degree
302	49-9098	Helpers--Installation, Maintenance, and Repair Workers	112	\$12.38	659	1.2	0.5	Short-Term On-The-Job Training
303	39-9011	Child Care Workers	703	\$8.77	555	1.9	0.7	Short-Term On-The-Job Training
304	29-1041	Optometrists	7	\$54.38	715	-0.1	0.0	First Professional Degree

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
305	47-2221	Structural Iron and Steel Workers	106	\$16.21	709	-0.3	0.0	Long-Term On-The-Job Training
306	53-7032	Excavating and Loading Machine and Dragline Operators	50	\$19.36	625	0.4	0.2	Moderate-Term On-The-Job Training
307	51-9083	Ophthalmic Laboratory Technicians	57	\$13.18	572	3.3	1.8	Moderate-Term On-The-Job Training
308	15-2011	Actuaries	7	\$37.65	556	1.5	0.4	Bachelor's Or Higher Deg. + Work Exp.
309	43-3021	Billing and Posting Clerks and Machine Operators	218	\$14.63	443	0.8	0.7	Moderate-Term On-The-Job Training
310	35-2014	Cooks, Restaurant	740	\$10.27	530	1.6	0.6	Long-Term On-The-Job Training
311	29-9091	Athletic Trainers	9	\$18.00	678	2.4	1.3	Bachelor's Degree
312	47-2011	Boilermakers	13	\$20.24	675	1.8	0.5	Long-Term On-The-Job Training
313	47-2021	Brickmasons and Blockmasons	180	\$17.91	550	-0.1	0.0	Long-Term On-The-Job Training
314	47-2141	Painters, Construction and Maintenance	225	\$14.44	555	0.5	0.3	Moderate-Term On-The-Job Training
315	51-3011	Bakers	156	\$11.24	575	1.9	0.9	Long-Term On-The-Job Training
316	27-1021	Commercial and Industrial Designers	20	\$26.77	602	0.5	0.2	Bachelor's Degree
317	47-2171	Reinforcing Iron and Rebar Workers	74	\$17.43	620	0.3	0.1	Long-Term On-The-Job Training
318	19-4061	Social Science Research Assistants	16	\$16.68	586	4.9	1.3	Associate Degree
319	33-9011	Animal Control Workers	24	\$14.89	583	4.1	2.0	Moderate-Term On-The-Job Training
320	13-2053	Insurance Underwriters	48	\$24.08	503	0.5	0.2	Bachelor's Degree
321	15-2041	Statisticians	8	\$30.88	603	1.1	0.4	Master's Degree
322	43-6014	Secretaries, Except Legal, Medical, and Executive	562	\$13.66	483	0.6	0.4	Moderate-Term On-The-Job Training
323	25-4031	Library Technicians	135	\$12.99	551	2.1	0.4	Postsecondary Vocational Training
324	19-4093	Forest and Conservation Technicians	54	\$16.33	647	0.8	0.2	Associate Degree
325	41-2021	Counter and Rental Clerks	553	\$10.94	420	2.0	0.5	Short-Term On-The-Job Training
326	37-2012	Maids and Housekeeping Cleaners	983	\$8.86	420	1.8	1.0	Short-Term On-The-Job Training
327	31-9011	Massage Therapists	67	\$15.49	482	1.3	1.1	Postsecondary Vocational Training
328	47-2071	Paving, Surfacing, and Tamping Equipment Operators	48	\$18.83	598	0.5	0.3	Moderate-Term On-The-Job Training
329	19-4031	Chemical Technicians	18	\$21.11	595	1.4	0.4	Associate Degree
330	19-2021	Atmospheric and Space Scientists	5	\$37.49	611	0.5	0.2	Bachelor's Degree
330	49-9052	Telecommunications Line Installers and Repairers	30	\$15.42	640	1.7	0.6	Long-Term On-The-Job Training
332	51-3092	Food Batchmakers	121	\$9.88	525	3.1	1.2	Short-Term On-The-Job Training
333	19-1023	Zoologists and Wildlife Biologists	8	\$26.26	653	0.6	0.3	Bachelor's Degree
334	47-2151	Pipelayers	77	\$16.28	557	0.7	0.4	Moderate-Term On-The-Job Training
335	39-5094	Skin Care Specialists	52	\$12.15	521	3.8	3.7	Postsecondary Vocational Training
336	43-3071	Tellers	538	\$11.96	471	1.3	0.3	Short-Term On-The-Job Training
337	49-2011	Computer, Automated Teller, and Office Machine Repairers	38	\$18.03	648	0.3	0.2	Postsecondary Vocational Training
338	47-2181	Roofers	109	\$14.55	638	0.2	0.1	Moderate-Term On-The-Job Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
339	51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	22	\$16.01	642	1.2	1.0	Moderate-Term On-The-Job Training
340	49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	5	\$32.48	694	0.2	0.1	Postsecondary Vocational Training
341	47-2081	Drywall and Ceiling Tile Installers	100	\$15.20	670	-0.1	0.0	Moderate-Term On-The-Job Training
342	19-3011	Economists	4	\$34.98	561	1.2	0.4	Master's Degree
343	17-2131	Materials Engineers	15	\$33.76	605	-1.0	0.0	Bachelor's Degree
344	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,978	\$10.99	523	0.7	0.2	Short-Term On-The-Job Training
345	35-2012	Cooks, Institution and Cafeteria	225	\$11.50	522	1.4	0.5	Moderate-Term On-The-Job Training
346	25-2011	Preschool Teachers, Except Special Education	179	\$10.84	530	1.6	0.9	Postsecondary Vocational Training
347	49-9031	Home Appliance Repairers	33	\$18.25	625	0.6	0.3	Long-Term On-The-Job Training
348	21-1015	Rehabilitation Counselors	29	\$14.77	579	2.3	1.2	Master's Degree
349	43-5032	Dispatchers, Except Police, Fire, and Ambulance	114	\$16.29	522	0.5	0.2	Moderate-Term On-The-Job Training
350	43-4131	Loan Interviewers and Clerks	157	\$16.25	506	0.2	0.1	Short-Term On-The-Job Training
351	47-2211	Sheet Metal Workers	94	\$16.51	578	0.2	0.1	Long-Term On-The-Job Training
352	49-9043	Maintenance Workers, Machinery	26	\$18.87	626	0.6	0.3	Short-Term On-The-Job Training
353	39-5092	Manicurists and Pedicurists	99	\$9.31	439	4.2	4.0	Postsecondary Vocational Training
354	27-4021	Photographers	80	\$16.60	595	0.1	0.1	Long-Term On-The-Job Training
355	51-3021	Butchers and Meat Cutters	97	\$15.93	502	0.9	0.3	Long-Term On-The-Job Training
356	27-4012	Broadcast Technicians	21	\$17.63	633	1.3	0.4	Associate Degree
357	19-1013	Soil and Plant Scientists	2	\$30.83	713	0.4	0.1	Bachelor's Degree
358	41-2011	Cashiers	4,004	\$9.76	514	1.1	0.2	Short-Term On-The-Job Training
359	47-2161	Plasterers and Stucco Masons	114	\$14.34	627	0.1	0.0	Long-Term On-The-Job Training
360	53-1011	Aircraft Cargo Handling Supervisors	7	\$18.65	694	1.5	0.8	Work Experience In A Related Occ.
361	35-3031	Waiters and Waitresses	3,390	\$8.59	474	1.5	0.3	Short-Term On-The-Job Training
362	53-7021	Crane and Tower Operators	11	\$23.65	649	0.3	0.2	Long-Term On-The-Job Training
363	47-4021	Elevator Installers and Repairers	4	\$29.59	688	0.3	0.1	Long-Term On-The-Job Training
364	35-2011	Cooks, Fast Food	737	\$8.30	515	1.2	0.4	Short-Term On-The-Job Training
365	47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	3	\$20.75	707	1.5	0.5	Moderate-Term On-The-Job Training
366	23-2091	Court Reporters	10	\$24.48	517	1.1	0.7	Postsecondary Vocational Training
367	39-3091	Amusement and Recreation Attendants	347	\$9.11	457	2.0	0.4	Short-Term On-The-Job Training
368	13-2081	Tax Examiners, Collectors, and Revenue Agents	21	\$24.51	510	0.6	0.2	Bachelor's Degree
369	51-2022	Electrical and Electronic Equipment Assemblers	92	\$17.01	586	-3.2	0.0	Short-Term On-The-Job Training
370	31-9094	Medical Transcriptionists	47	\$16.00	433	1.3	1.0	Postsecondary Vocational Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
371	51-2092	Team Assemblers	462	\$11.52	531	0.4	0.2	Moderate-Term On-The-Job Training
372	43-5051	Postal Service Clerks	32	\$21.30	520	0.5	0.2	Short-Term On-The-Job Training
373	13-1032	Insurance Appraisers, Auto Damage	6	\$24.71	576	1.3	0.5	Long-Term On-The-Job Training
374	27-1026	Merchandise Displayers and Window Trimmers	101	\$11.91	532	1.7	0.6	Moderate-Term On-The-Job Training
375	13-1061	Emergency Management Specialists	1	\$28.75	658	0.3	0.3	Work Experience In A Related Occ.
375	51-8012	Power Distributors and Dispatchers	4	\$28.63	638	0.6	0.2	Long-Term On-The-Job Training
377	35-9021	Dishwashers	837	\$7.96	464	1.5	0.4	Short-Term On-The-Job Training
378	49-9094	Locksmiths and Safe Repairers	6	\$16.81	638	2.3	1.2	Moderate-Term On-The-Job Training
379	13-1021	Purchasing Agents and Buyers, Farm Products	7	\$24.71	600	0.5	0.4	Work Experience In A Related Occ.
380	49-9044	Millwrights	10	\$19.92	614	0.8	0.6	Long-Term On-The-Job Training
381	39-3011	Gaming Dealers	145	\$8.90	474	2.2	1.1	Postsecondary Vocational Training
382	51-6011	Laundry and Dry-Cleaning Workers	204	\$9.78	502	1.4	0.6	Moderate-Term On-The-Job Training
383	35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	735	\$7.94	435	1.5	0.4	Short-Term On-The-Job Training
384	35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,100	\$8.19	416	1.6	0.2	Short-Term On-The-Job Training
385	17-3026	Industrial Engineering Technicians	24	\$20.31	649	-0.4	0.0	Associate Degree
386	31-9096	Veterinary Assistants and Laboratory Animal Caretakers	50	\$9.84	525	3.8	3.1	Short-Term On-The-Job Training
387	51-7011	Cabinetmakers and Bench Carpenters	80	\$13.75	592	0.8	0.3	Long-Term On-The-Job Training
388	45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	18	\$20.27	659	0.1	0.1	Work Experience In A Related Occ.
389	47-2121	Glaziers	80	\$16.06	504	0.4	0.2	Long-Term On-The-Job Training
390	47-2041	Carpet Installers	61	\$12.74	585	1.0	0.7	Moderate-Term On-The-Job Training
390	53-3041	Taxi Drivers and Chauffeurs	105	\$10.10	522	1.6	1.2	Short-Term On-The-Job Training
392	49-3051	Motorboat Mechanics	10	\$17.26	662	1.1	0.6	Long-Term On-The-Job Training
393	41-2022	Parts Salespersons	64	\$15.38	575	0.3	0.2	Moderate-Term On-The-Job Training
394	51-9111	Packaging and Filling Machine Operators and Tenders	90	\$11.83	644	0.5	0.3	Short-Term On-The-Job Training
395	31-2022	Physical Therapist Aides	32	\$11.53	571	2.8	2.2	Short-Term On-The-Job Training
396	35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	920	\$8.51	436	1.4	0.2	Short-Term On-The-Job Training
397	41-3041	Travel Agents	31	\$14.46	514	1.5	2.2	Postsecondary Vocational Training
398	19-4021	Biological Technicians	18	\$15.11	595	2.3	0.6	Associate Degree
399	51-9141	Semiconductor Processors	74	\$16.28	594	-3.4	0.0	Associate Degree
400	19-1041	Epidemiologists	3	\$22.43	603	1.4	0.5	Master's Degree
401	33-9031	Gaming Surveillance Officers and Gaming Investigators	35	\$14.74	582	1.2	0.6	Moderate-Term On-The-Job Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1

Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
402	31-1013	Psychiatric Aides	22	\$11.67	576	3.0	3.4	Short-Term On-The-Job Training
403	11-9131	Postmasters and Mail Superintendents	6	\$30.07	587	0.3	0.1	Work Experience In A Related Occ.
404	47-4051	Highway Maintenance Workers	39	\$14.60	623	0.6	0.3	Moderate-Term On-The-Job Training
405	47-3012	Helpers--Carpenters	150	\$12.59	569	0.3	0.1	Short-Term On-The-Job Training
406	43-4031	Court, Municipal, and License Clerks	69	\$15.80	457	0.7	0.3	Short-Term On-The-Job Training
407	43-5081	Stock Clerks and Order Fillers	998	\$10.17	441	0.5	0.2	Short-Term On-The-Job Training
408	39-2021	Nonfarm Animal Caretakers	109	\$9.58	516	1.6	1.0	Short-Term On-The-Job Training
409	27-2041	Music Directors and Composers	10	\$14.14	612	3.0	1.5	Bachelor's Or Higher Deg. + Work Exp.
410	47-2022	Stonemasons	47	\$15.46	615	0.2	0.1	Long-Term On-The-Job Training
411	35-3011	Bartenders	409	\$8.94	507	0.9	0.3	Short-Term On-The-Job Training
412	39-9031	Fitness Trainers and Aerobics Instructors	46	\$13.92	570	1.1	0.6	Postsecondary Vocational Training
413	39-3031	Ushers, Lobby Attendants, and Ticket Takers	165	\$8.08	427	3.1	0.4	Short-Term On-The-Job Training
414	49-9011	Mechanical Door Repairers	10	\$14.33	598	2.9	1.7	Moderate-Term On-The-Job Training
415	23-2093	Title Examiners, Abstractors, and Searchers	41	\$19.56	514	0.2	0.1	Moderate-Term On-The-Job Training
416	17-3024	Electro-Mechanical Technicians	11	\$19.83	651	0.3	0.2	Associate Degree
417	47-5021	Earth Drillers, Except Oil and Gas	19	\$16.99	530	1.7	0.5	Moderate-Term On-The-Job Training
418	43-5041	Meter Readers, Utilities	49	\$18.81	550	-0.8	0.0	Short-Term On-The-Job Training
419	53-7061	Cleaners of Vehicles and Equipment	333	\$9.21	505	0.8	0.2	Short-Term On-The-Job Training
420	39-2011	Animal Trainers	14	\$11.22	646	3.3	1.9	Moderate-Term On-The-Job Training
421	43-9081	Proofreaders and Copy Markers	60	\$9.24	458	3.3	1.6	Short-Term On-The-Job Training
422	25-4013	Museum Technicians and Conservators	14	\$15.85	613	1.7	0.4	Master's Degree
423	17-3012	Electrical and Electronics Drafters	15	\$26.25	544	-0.2	0.0	Postsecondary Vocational Training
424	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	105	\$15.16	522	-0.1	0.0	Moderate-Term On-The-Job Training
425	45-4021	Fallers	4	\$16.40	592	2.4	1.2	Moderate-Term On-The-Job Training
426	53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	12	\$11.20	617	3.8	2.9	Moderate-Term On-The-Job Training
427	39-1012	Slot Key Persons	64	\$12.63	545	0.9	0.5	Postsecondary Vocational Training
428	27-3011	Radio and Television Announcers	40	\$18.86	563	-1.1	0.0	Long-Term On-The-Job Training
429	31-9093	Medical Equipment Preparers	18	\$12.82	550	2.6	2.1	Short-Term On-The-Job Training
430	43-9021	Data Entry Keyers	193	\$13.66	512	-0.6	0.0	Moderate-Term On-The-Job Training
431	51-8091	Chemical Plant and System Operators	3	\$21.73	701	0.4	0.1	Long-Term On-The-Job Training
432	53-6031	Service Station Attendants	101	\$9.94	565	1.5	0.3	Short-Term On-The-Job Training
433	51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	28	\$14.32	633	0.7	0.4	Moderate-Term On-The-Job Training
434	53-2022	Airfield Operations Specialists	8	\$15.84	618	1.8	0.6	Long-Term On-The-Job Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
435	13-2082	Tax Preparers	48	\$14.40	496	1.0	0.6	Moderate-Term On-The-Job Training
436	49-3052	Motorcycle Mechanics	19	\$14.61	603	1.2	0.6	Long-Term On-The-Job Training
436	51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Ten	29	\$13.93	574	1.3	0.7	Moderate-Term On-The-Job Training
438	49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	10	\$14.20	619	2.0	1.0	Moderate-Term On-The-Job Training
439	51-4012	Numerical Tool and Process Control Programmers	4	\$20.84	645	0.4	0.3	Long-Term On-The-Job Training
440	51-9196	Paper Goods Machine Setters, Operators, and Tenders	31	\$15.31	558	0.9	0.4	Moderate-Term On-The-Job Training
441	43-4081	Hotel, Motel, and Resort Desk Clerks	218	\$9.19	520	0.9	0.2	Short-Term On-The-Job Training
442	51-9081	Dental Laboratory Technicians	22	\$14.80	565	1.2	0.7	Long-Term On-The-Job Training
443	51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	6	\$23.39	694	-2.2	0.0	Long-Term On-The-Job Training
443	51-9193	Cooling and Freezing Equipment Operators and Tenders	9	\$12.26	643	3.0	1.4	Moderate-Term On-The-Job Training
445	51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	56	\$11.08	578	1.4	0.6	Moderate-Term On-The-Job Training
446	51-4111	Tool and Die Makers	8	\$20.80	589	0.5	0.3	Long-Term On-The-Job Training
447	25-4011	Archivists	5	\$21.23	536	1.5	0.4	Master's Degree
448	49-2098	Security and Fire Alarm Systems Installers	13	\$18.65	619	0.3	0.2	Postsecondary Vocational Training
449	49-2097	Electronic Home Entertainment Equipment Installers and Repairers	21	\$15.64	647	0.1	0.2	Postsecondary Vocational Training
450	35-2015	Cooks, Short Order	149	\$10.40	518	0.7	0.3	Short-Term On-The-Job Training
451	27-3021	Broadcast News Analysts	2	\$28.89	599	0.0	0.0	Bachelor's Or Higher Deg. + Work Exp.
452	43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	153	\$12.40	543	-0.6	0.0	Short-Term On-The-Job Training
453	49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	10	\$16.25	690	0.7	0.2	Postsecondary Vocational Training
454	45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	445	\$8.19	552	0.0	0.0	Short-Term On-The-Job Training
455	47-5041	Continuous Mining Machine Operators	18	\$18.53	345	1.4	0.4	Moderate-Term On-The-Job Training
456	51-9198	Helpers--Production Workers	213	\$10.12	495	0.4	0.2	Short-Term On-The-Job Training
457	31-2012	Occupational Therapist Aides	3	\$14.48	604	2.5	1.6	Short-Term On-The-Job Training
458	43-3061	Procurement Clerks	29	\$17.26	506	0.4	0.2	Short-Term On-The-Job Training
459	51-9122	Painters, Transportation Equipment	25	\$16.85	535	0.5	0.2	Long-Term On-The-Job Training
460	27-4032	Film and Video Editors	6	\$18.85	599	0.8	0.4	Bachelor's Degree
461	53-7071	Gas Compressor and Gas Pumping Station Operators	2	\$20.25	670	0.5	0.1	Moderate-Term On-The-Job Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
462	49-3091	Bicycle Repairers	16	\$10.22	614	2.6	1.3	Moderate-Term On-The-Job Training
463	51-9123	Painting, Coating, and Decorating Workers	26	\$12.14	498	2.3	1.2	Short-Term On-The-Job Training
464	51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	19	\$15.87	530	1.0	0.5	Moderate-Term On-The-Job Training
465	23-2092	Law Clerks	22	\$19.76	496	0.1	0.1	Bachelor's Degree
465	43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	33	\$19.90	427	-0.5	0.0	Short-Term On-The-Job Training
467	51-6052	Tailors, Dressmakers, and Custom Sewers	19	\$13.84	555	1.5	0.9	Long-Term On-The-Job Training
468	35-3041	Food Servers, Nonrestaurant	100	\$9.23	478	1.0	0.7	Short-Term On-The-Job Training
469	27-2023	Umpires, Referees, and Other Sports Officials	40	\$14.16	497	1.0	0.4	Long-Term On-The-Job Training
470	39-6021	Tour Guides and Escorts	61	\$12.39	446	1.3	0.3	Moderate-Term On-The-Job Training
471	39-3012	Gaming and Sports Book Writers and Runners	44	\$10.19	460	2.2	1.1	Short-Term On-The-Job Training
472	53-3031	Driver/Sales Workers	155	\$11.46	539	-0.1	0.0	Short-Term On-The-Job Training
473	41-9041	Telemarketers	334	\$10.62	403	-0.6	0.0	Short-Term On-The-Job Training
474	49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	28	\$14.71	544	0.9	0.3	Moderate-Term On-The-Job Training
475	43-4061	Eligibility Interviewers, Government Programs	36	\$16.85	508	0.0	0.0	Moderate-Term On-The-Job Training
476	43-4151	Order Clerks	114	\$13.25	516	-1.8	0.0	Short-Term On-The-Job Training
477	47-2082	Tapers	61	\$15.26	483	-0.1	0.0	Moderate-Term On-The-Job Training
478	43-5011	Cargo and Freight Agents	36	\$16.81	472	0.2	0.1	Moderate-Term On-The-Job Training
479	51-3093	Food Cooking Machine Operators and Tenders	32	\$11.24	547	2.0	0.5	Short-Term On-The-Job Training
480	51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	45	\$12.46	503	0.9	0.4	Moderate-Term On-The-Job Training
481	43-9011	Computer Operators	66	\$14.79	508	-2.1	0.0	Moderate-Term On-The-Job Training
482	49-3041	Farm Equipment Mechanics	15	\$14.02	665	0.5	0.3	Postsecondary Vocational Training
483	33-3041	Parking Enforcement Workers	6	\$14.28	525	3.1	1.2	Short-Term On-The-Job Training
484	43-9022	Word Processors and Typists	89	\$14.13	492	-1.0	0.0	Moderate-Term On-The-Job Training
485	39-9041	Residential Advisors	30	\$13.95	533	1.0	0.3	Moderate-Term On-The-Job Training
486	51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and	69	\$12.37	589	-0.7	0.0	Moderate-Term On-The-Job Training
487	33-3011	Bailiffs	17	\$15.58	480	1.2	0.5	Moderate-Term On-The-Job Training
488	47-4041	Hazardous Materials Removal Workers	20	\$14.33	627	0.3	0.2	Moderate-Term On-The-Job Training
489	43-4121	Library Assistants, Clerical	37	\$12.11	509	1.4	0.5	Short-Term On-The-Job Training
490	49-3022	Automotive Glass Installers and Repairers	12	\$16.45	599	0.5	0.1	Long-Term On-The-Job Training
491	53-6021	Parking Lot Attendants	107	\$9.58	530	0.4	0.2	Short-Term On-The-Job Training



Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
492	49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	6	\$16.68	597	0.8	0.4	Postsecondary Vocational Training
493	51-5023	Printing Machine Operators	41	\$14.54	570	-0.4	0.0	Moderate-Term On-The-Job Training
494	51-3022	Meat, Poultry, and Fish Cutters and Trimmers	49	\$12.36	486	0.9	0.3	Short-Term On-The-Job Training
495	47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	17	\$17.79	566	0.0	0.0	Moderate-Term On-The-Job Training
496	43-9071	Office Machine Operators, Except Computer	58	\$12.89	575	-0.6	0.0	Short-Term On-The-Job Training
497	43-9041	Insurance Claims and Policy Processing Clerks	33	\$14.82	448	0.4	0.3	Moderate-Term On-The-Job Training
498	51-2041	Structural Metal Fabricators and Fitters	43	\$13.44	556	0.2	0.1	Moderate-Term On-The-Job Training
499	37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	10	\$11.94	609	1.4	1.0	Moderate-Term On-The-Job Training
500	47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	35	\$11.82	619	0.3	0.1	Short-Term On-The-Job Training
501	47-3013	Helpers--Electricians	53	\$10.49	589	0.4	0.2	Short-Term On-The-Job Training
502	47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	10	\$15.15	656	0.2	0.1	Moderate-Term On-The-Job Training
503	51-4051	Metal-Refining Furnace Operators and Tenders	4	\$19.59	605	0.0	0.0	Moderate-Term On-The-Job Training
504	29-2051	Dietetic Technicians	37	\$10.36	432	1.9	0.6	Moderate-Term On-The-Job Training
505	43-4071	File Clerks	175	\$10.45	475	-3.9	0.0	Short-Term On-The-Job Training
506	43-4011	Brokerage Clerks	26	\$16.88	492	-0.3	0.0	Moderate-Term On-The-Job Training
507	51-6041	Shoe and Leather Workers and Repairers	18	\$9.29	462	3.3	1.6	Long-Term On-The-Job Training
508	47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	36	\$12.03	592	0.3	0.1	Short-Term On-The-Job Training
509	51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	17	\$12.09	588	1.1	0.5	Moderate-Term On-The-Job Training
510	29-1125	Recreational Therapists	4	\$17.48	575	0.5	0.3	Bachelor's Degree
511	53-7011	Conveyor Operators and Tenders	11	\$12.71	645	0.6	0.4	Short-Term On-The-Job Training
512	43-5021	Couriers and Messengers	65	\$11.22	509	0.4	0.1	Short-Term On-The-Job Training
513	51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	28	\$11.69	556	0.8	0.4	Moderate-Term On-The-Job Training
514	49-2092	Electric Motor, Power Tool, and Related Repairers	19	\$14.29	640	-0.4	0.0	Postsecondary Vocational Training
515	51-2091	Fiberglass Laminators and Fabricators	15	\$12.27	595	1.0	0.5	Moderate-Term On-The-Job Training
516	27-3022	Reporters and Correspondents	18	\$17.08	529	-0.5	0.0	Bachelor's Or Higher Deg. + Work Exp.
517	53-7064	Packers and Packagers, Hand	169	\$9.08	439	-0.5	0.0	Short-Term On-The-Job Training
518	47-4031	Fence Erectors	43	\$12.44	567	-0.1	0.0	Moderate-Term On-The-Job Training
519	47-5042	Mine Cutting and Channeling Machine Operators	9	\$14.86	557	1.1	0.3	Moderate-Term On-The-Job Training
520	45-2091	Agricultural Equipment Operators	45	\$8.83	629	0.2	0.1	Moderate-Term On-The-Job Training
521	43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	115	\$10.78	447	-1.3	0.0	Short-Term On-The-Job Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
522	51-6031	Sewing Machine Operators	33	\$10.94	440	0.8	0.8	Moderate-Term On-The-Job Training
523	51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	10	\$14.49	676	-0.5	0.0	Moderate-Term On-The-Job Training
524	43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	29	\$15.24	510	-1.1	0.0	Short-Term On-The-Job Training
525	51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	15	\$13.85	652	-0.6	0.0	Moderate-Term On-The-Job Training
526	45-2011	Agricultural Inspectors	9	\$17.16	535	0.2	0.1	Work Experience In A Related Occ.
527	43-2011	Switchboard Operators, Including Answering Service	83	\$11.49	421	-0.6	0.0	Short-Term On-The-Job Training
528	45-2093	Farmworkers, Farm and Ranch Animals	36	\$12.05	536	0.3	0.1	Short-Term On-The-Job Training
529	39-4021	Funeral Attendants	10	\$13.55	481	1.5	0.6	Short-Term On-The-Job Training
530	51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plasti	12	\$16.54	555	-0.6	0.0	Moderate-Term On-The-Job Training
531	47-5081	Helpers--Extraction Workers	11	\$13.37	582	0.7	0.2	Short-Term On-The-Job Training
532	39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	8	\$9.42	600	1.7	1.0	Short-Term On-The-Job Training
533	51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	28	\$12.71	585	-0.6	0.0	Moderate-Term On-The-Job Training
534	51-2023	Electromechanical Equipment Assemblers	21	\$14.39	559	-0.7	0.0	Short-Term On-The-Job Training
535	47-2132	Insulation Workers, Mechanical	4	\$16.91	601	0.0	0.0	Moderate-Term On-The-Job Training
536	43-4141	New Accounts Clerks	26	\$14.89	487	-1.5	0.0	Work Experience In A Related Occ.
537	33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	66	\$9.41	530	-0.1	0.0	Short-Term On-The-Job Training
538	43-9111	Statistical Assistants	9	\$15.22	563	0.3	0.1	Moderate-Term On-The-Job Training
539	27-1023	Floral Designers	37	\$11.66	545	0.0	0.0	Moderate-Term On-The-Job Training
540	51-7021	Furniture Finishers	15	\$14.43	489	0.4	0.2	Long-Term On-The-Job Training
541	51-9011	Chemical Equipment Operators and Tenders	2	\$16.03	647	-1.7	0.0	Moderate-Term On-The-Job Training
542	41-2012	Gaming Change Persons and Booth Cashiers	61	\$9.28	487	0.0	0.0	Short-Term On-The-Job Training
543	49-9061	Camera and Photographic Equipment Repairers	2	\$14.58	607	0.6	0.2	Moderate-Term On-The-Job Training
544	39-3093	Locker Room, Coatroom, and Dressing Room Attendants	32	\$10.46	397	1.0	0.2	Short-Term On-The-Job Training
545	51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	15	\$13.37	525	0.4	0.2	Moderate-Term On-The-Job Training
546	51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal	18	\$14.45	528	-0.8	0.0	Moderate-Term On-The-Job Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
547	51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and T	9	\$13.31	586	0.2	0.2	Moderate-Term On-The-Job Training
547	51-9071	Jewelers and Precious Stone and Metal Workers	9	\$17.18	426	0.0	0.0	Postsecondary Vocational Training
549	33-9091	Crossing Guards	42	\$8.34	360	0.8	0.3	Short-Term On-The-Job Training
550	51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	8	\$13.18	655	-0.1	0.0	Moderate-Term On-The-Job Training
551	43-9031	Desktop Publishers	5	\$18.10	499	-0.4	0.0	Postsecondary Vocational Training
552	51-9132	Photographic Processing Machine Operators	45	\$10.81	519	-4.2	0.0	Short-Term On-The-Job Training
553	51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plas	9	\$14.18	600	-0.9	0.0	Moderate-Term On-The-Job Training
554	47-2053	Terrazzo Workers and Finishers	4	\$14.75	583	0.1	0.0	Long-Term On-The-Job Training
555	51-5022	Prepress Technicians and Workers	15	\$13.66	563	-2.9	0.0	Postsecondary Vocational Training
556	51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	3	\$15.79	592	-1.3	0.0	Moderate-Term On-The-Job Training
557	51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	8	\$12.63	601	0.1	0.1	Moderate-Term On-The-Job Training
558	51-4194	Tool Grinders, Filers, and Sharpeners	6	\$14.68	567	-0.1	0.0	Moderate-Term On-The-Job Training
559	51-4062	Patternmakers, Metal and Plastic	2	\$15.32	598	-1.0	0.0	Moderate-Term On-The-Job Training
560	51-9131	Photographic Process Workers	19	\$12.17	558	-3.5	0.0	Moderate-Term On-The-Job Training
561	47-2131	Insulation Workers, Floor, Ceiling, and Wall	8	\$12.28	603	0.1	0.0	Moderate-Term On-The-Job Training
562	51-6093	Upholsterers	9	\$12.17	568	0.3	0.2	Long-Term On-The-Job Training
563	51-4061	Model Makers, Metal and Plastic	2	\$15.08	582	-0.3	0.0	Moderate-Term On-The-Job Training
564	53-7063	Machine Feeders and Offbearers	18	\$11.63	562	-1.0	0.0	Short-Term On-The-Job Training
565	51-9191	Cementing and Gluing Machine Operators and Tenders	5	\$13.56	602	0.0	0.0	Moderate-Term On-The-Job Training
566	31-9095	Pharmacy Aides	9	\$10.55	525	0.6	0.5	Short-Term On-The-Job Training
567	43-3041	Gaming Cage Workers	22	\$11.38	492	-0.1	0.0	Short-Term On-The-Job Training
568	51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	8	\$13.77	568	-2.3	0.0	Moderate-Term On-The-Job Training
569	51-9022	Grinding and Polishing Workers, Hand	12	\$11.73	553	-0.1	0.0	Moderate-Term On-The-Job Training
569	51-9194	Etchers and Engravers	2	\$13.98	603	-0.6	0.0	Long-Term On-The-Job Training
571	51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	3	\$13.21	617	-1.2	0.0	Moderate-Term On-The-Job Training
572	39-6012	Concierges	7	\$11.07	532	0.5	0.4	Moderate-Term On-The-Job Training
573	47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	21	\$10.91	489	-0.9	0.0	Short-Term On-The-Job Training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
574	51-5011	Bindery Workers	10	\$12.38	542	-2.9	0.0	Short-Term On-The-Job Training
575	51-4071	Foundry Mold and Coremakers	6	\$13.84	549	-2.2	0.0	Moderate-Term On-The-Job Training
576	51-4052	Pourers and Casters, Metal	2	\$14.65	551	-2.6	0.0	Moderate-Term On-The-Job Training
577	51-6092	Fabric and Apparel Patternmakers	4	\$11.40	531	0.6	0.3	Long-Term On-The-Job Training
578	51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	10	\$11.88	495	0.1	0.0	Moderate-Term On-The-Job Training
579	27-3012	Public Address System and Other Announcers	6	\$13.11	547	-0.7	0.0	Long-Term On-The-Job Training
580	51-9031	Cutters and Trimmers, Hand	3	\$11.68	535	0.1	0.1	Short-Term On-The-Job Training
581	39-6011	Baggage Porters and Bellhops	18	\$9.44	450	-0.8	0.0	Short-Term On-The-Job Training
582	49-9064	Watch Repairers	10	\$11.58	367	-0.2	0.0	Long-Term On-The-Job Training
583	51-6062	Textile Cutting Machine Setters, Operators, and Tenders	2	\$13.28	534	-2.0	0.0	Moderate-Term On-The-Job Training
584	51-6021	Pressers, Textile, Garment, and Related Materials	11	\$9.55	462	0.0	0.0	Short-Term On-The-Job Training
585	51-2021	Coil Winders, Tapers, and Finishers	6	\$11.47	481	-2.9	0.0	Short-Term On-The-Job Training
586	51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	3	\$11.30	528	-0.7	0.0	Moderate-Term On-The-Job Training
587	45-2041	Graders and Sorters, Agricultural Products	11	\$8.49	336	-0.7	0.0	Work Experience In A Related Occ.

# TERM (Training & Education Resource Model) Occupations Report

Column		Explanation
A	Rank	This is the rank of the occupation based on comparative scores in five areas, openings, wages, skills, growth rate, and turn over ratio as shown in columns D through H. Tie scores get tie ranks.
B	SOC Code	Standard Occupational Classification system. SOC is used by federal agencies collecting occupational data, providing a means to compare occupational data across agencies. It is designed to cover all occupations in which work is performed for pay or profit, reflecting the current occupational structure in the United States. For more info on SOC, see: <a href="http://www.bls.gov/soc/socguide.htm">http://www.bls.gov/soc/socguide.htm</a>
C	SOC Title	The title of the occupation, as assigned by the Standard Occupational Classification system (SOC).
D	Openings	Average number of projected openings (from growth + turnover) expected per year for the occupation. Projected openings based on revised 2006-2016 occupation projections.
E	Hourly Wage	Based on the average of the wage of the occupation. Wages based on 2007 Occupational Employment Statistics (OES) survey. Hourly wages were calculated by dividing annual wages by 2080 hours (40 hours X 52 weeks).
F	O*NET Score	O*NET is an acronym for the Occupational Information Network ( <a href="http://www.onetcenter.org/">http://www.onetcenter.org/</a> ). This data is a measure of the skills, knowledge, and abilities required for the occupation. The numerical score for each comparative occupational descriptor in the O*NET Knowledge, Skills, and Abilities data files were summed for each occupation and then ranked by percentile.
G	Growth Rate	The two-year projected rate of growth in employment of the occupation. This number could be negative but usually is not. Occupational growth rate is from the 2006-2016 Occupational Projections produced by the AzDES Research Administration.
H	Turnover Ratio	This is the projected number of annual openings due to growth divided by the projected number of annual openings due to replacement (like retirements, quits, promotions, etc.). Higher ratios indicate lower turnover. Based on the revised 2006-2016 occupational projections data.
I	Education / Training Requirements	The job training and educational levels as assigned by the Bureau of Labor Statistics (BLS).

<b>Calculation method</b>	
1	Hourly wages were calculated by dividing annual wages by 2080 hours (40 hours X 52 weeks).
2	In this iteration of the TERM, there were no restrictions on the BLS Training and Educational code. Note that the lower the training and educational time requirement, the higher the code numbers (see below).
3	Percentiles were calculated for each statistic shown. In case of a tie, the same percentile was assigned to all SOC's involved in the tie.
4	The following formula determined the score for each SOC: $(3 \times \text{openings percentile} + 3 \times \text{wage percentile} + \text{O*NET percentile} + \text{growth percentile} + \text{turnover percentile}) / 9$
<b>Sources</b>	
1	Openings and wage data are produced by the Arizona Department of Commerce, Research Administration, in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics. Wages are from the 2007 Occupational Employment Statistics (OES) survey, and openings are from the 2006-2016 occupational employment projections.
2	For the O*Net score, the O*Net database version 12.0 was used. ( <a href="http://www.onetcenter.org/database.html">www.onetcenter.org/database.html</a> )
3	The education and training codes are from the Bureau of Labor Statistics (BLS) <a href="ftp://ftp.bls.gov/pub/special.requests/ep/optddata/optd.zip">ftp://ftp.bls.gov/pub/special.requests/ep/optddata/optd.zip</a>
<b>Questions and Comments</b>	
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